

## HIGH SPEED CHANNEL SELECTOR SWITCH

### ABSTRACT OF THE DISCLOSURE

An embodiment in accordance with the invention recites a high speed channel selector switch. The high speed channel selector switch includes a first unit that has a plurality of contacts that are operable to electrically couple to a plurality of high speed data lines of a device under test. The first unit also has an additional contact operable to electrically couple to a signal line. The high speed channel selector switch further includes a second unit that is operable to selectively electrically couple one of the plurality of contacts of the first unit to the additional contact of the first unit. The second unit also electrically couples the remaining contacts of the first unit to respective termination impedances. Thus, one of the plurality of high speed data lines is coupled to the signal line via the second unit and the remaining high speed data lines are coupled to respective termination impedances.